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Mr. A. T. Weast

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May 11, 1954

- 1. Redox potential
- 2. PH
- 3. Temperature, and temperature cycles for depths above frost line.
- 4. Bacteria (anaerobic and aerobic)
- 5. Moisture content and moisture content cycle.
- 6. Type of soil (sand, loam, clay etc.)
- 7. Industrial and other waste seepage.

According to some recent literature, items 1 and 2 largely control metal corrosion in soils, and it is claimed that a classification system based on these two properties can be used to well predict soil corrosion properties for about 80 per cent of the cases examined.

While we do not know whether you have selected our place just as one of a number of burial locations and, therefore, whether you would look to us for assistance in burial and removal of test items only, we definitely feel that the soil in any chosen site should be thoroughly examined for at least the above enumerated properties. Some of the tests could be carried out by us while others can be readily obtained from such institutions as the Massachusetts State College.

If you feel it worth-while, we definitely would be glad to discuss this matter in more detail with your

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